



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

A.2
12-11-06

December 11, 2006

REPLY TO THE ATTENTION OF:

Mr. Jeff Mullins
Solid Waste Disposal Program
Montgomery County Combined Health District
117 S. Main St.
Dayton, OH 45402-2005

US EPA RECORDS CENTER REGION 5



RE: Request Records for Dayton Power & Light (DP&L) Tait Station Landfill
South Bank of Great Miami River Between Dryden Road and Railroad Tracks
Moraine, Ohio

Dear Mr. Mullins:

I am the U.S. EPA Remedial Project Manager for the South Dayton Dump and Landfill (SDDL) Superfund Site located at 1975 Dryden Road in Moraine, Ohio.

Several records in U.S. EPA's files (enclosed) indicate there is another landfill across the street from the SDDL Site. The landfill is on the east side of Dryden Road under a Dayton Power & Light (DP&L) facility. The approximate address is 1900 Dryden Road, Moraine, Ohio.

Air photos indicate large excavations and filled areas on the DP&L property from 1938-1954. By 1960 (the next air photo available) the west half of the property is built over but excavated areas on the east half of the property remain visible until 1988-1994. A listing of "Locations of Montgomery County Landfills" from around 1975 lists the landfill as "DP&L Tait Station, South Bank of Great Miami River, active" with the geographic coordinates N 39° 43' 40", E 84° 12' 49".

While U.S. EPA is uncertain as to what the fill material was, a former waste hauler (name and contact information redacted) indicates that from 1972-1984 he hauled materials to the SDDL and "an area near there across Dryden Rd. and over a hill next to a DP&L facility". The materials he hauled to the SDDL and the DP&L landfill included foundry sand from Dayton Walther (SDDL Respondent); fly ash, grease, oil sludge and paint used to dip shock absorbers from GM facilities (SDDL Respondent); unknown wastes from NCR (SDDL Respondent); and plaster waste from Bimac.

In 1996 Ohio EPA collected a groundwater sample from a monitoring well on the DP&L property east of Dryden Road (exact location uncertain) during the Site Team Evaluation Prioritization Investigation for the SDDL Site as "background." The

groundwater sample collected from DP&L contained elevated levels of metals including but not limited to arsenic (545 ug/L; MCL = 10 ug/L), barium (2530 ug/L; MCL = 2000 ug/L) and thallium (4.6 ug/L, MCL = 2 ug/L).

U.S. EPA is conducting a remedial investigation and feasibility study at the SDDL Site and is requesting any information the Montgomery County Combined Health District has concerning the "DP&L Tait Station Landfill" across the street from the SDDL Site. U.S. EPA will also work with Ohio EPA to determine whether there is any information about the DP&L Tait Station Landfill" in the State files.

If you have any questions or would like to discuss this further please feel free to contact me Monday through Wednesday at (312) 886-1843 or via email at cibulskis.karen@epa.gov.

Sincerely,

A handwritten signature in cursive script that reads "Karen Cibulskis".

Karen Cibulskis
Remedial Project Manager

State of Ohio Environmental Agency
Southwest District Office
40 South Main Street
Dayton, Ohio 45402

August 21, 1989

Endi

Joe Moore D.S.H. W.M./S.W.D.O.

Dear Sir:

As to our conversation concerning my obligation under H.B. 65 and implementing rule 3745-27-12 of the Ohio Administrative Code.

I do not fall under this ruling but would be under 37-27-12 Page 18. I have not land filled or covered garbage or pretensible waste on my operation. All materials, wood and other waste materials that we disposed of were burned at the end of each days operation. When the Montgomery County Board of Health Prohibited burning of household trash, we refused to accept this type of rubbish. All the ground we filled is useable ground and can be built on as the buildings that are built along Dryden Rd. and the Dayton Power & Light Service Bldg. on the east side of Dryden Rd.

To land fill wood garbage and other waste in the earth ruins the ground and the environment for hundreds of years in the future and our grandchildren will suffer in the future.

We do accept broken concrete, brick, dirt, ash, gravel, broken concrete block, etc. that does not contain wood. We have no gas problems.

The operation, that South Dayton Dump is situated on, started in 1930 as a burning dump. All materials brought in including garbage was burned. Metals were salvaged and ashes were dozed into the lower elevations.

After the filled ground had time to settle the building's on the west side of Dryden Rd. were built as the ground is stable. Other buildings that are built on old dump sites are the Dayton Power & Light Service Building on the east side of Dryden Rd., St. Elizabeth Medical Center, Delco Moraine Environmental Company on the south side of Nicholas Rd.

The land fills that we have today will never support development and will be an eye sore for ever.

P.S. I also accept wood Sheds & Pallets.

Sincerely Yours,

South Dayton Dump
Alcine Grillot, owner

LOCATIONS OF MONTGOMERY COUNTY LANDFILLS

B.3
1/9/75

f Mont. Co.
G&N
Solid Wastes

1. Montgomery Co. South Incinerator 2500 Bertwynn Dr.	Active	N 39° 43'0" E 84° 12'45"
2. Dayton S.T.P. Vance Road	Active	N 39° 43'04" E 84° 14'05"
3. DP<ait Station S. Bank of Great Miami River	Active	N 39° 43'40" E 84° 12'49"
4. Montgomery Co. N. Incinerator 6333 Webster Street	Active	N 39° 50'22" E 84° 10'55"
5. Cripps Landfill 1280 Brandt Pike	Active	N 39° 47' 38" E 84° 08'40"
6. 2400 Valley Street Landfill 2400 Valley Street	Active	N 39° 47'23" E 84° 07'58"
7. 2300 Valley Street Landfill 2300 Valley Street	Active	N 39° 47'25" E 84° 07'51"
8. Powell Rd. Sanitary Landfill 4060 Powell Rd.	Active	N 39° 50'00" E 84° 09'45"
9. Harshman Rd. Landfill W. of Harshman Rd. & S. of Erie/ Lackawanna R.R.	Active	N 39° 47'05" E 84° 07'28"
10. S. Sanitary Landfill 1855 Cardington Rd.	Active	N 39° 42'55" E 89° 12'08"
11. Moraine Recycling Inc. 1975 Springboro Rd.	Active	N 39° 43'34" E 84° 13'17"
12. Cantrell Landfill 2103 W. Dorothy Lane	Active	N 39° 42'40" E 84° 12'48"
13. UD Arena Landfill Northwest of UD Areen	Active	N 39° 44'10" E 84° 12'05"
14. DP&L Hutching Stantion Landfill Chautaugua Rd. & Penn Central R.R.	Active	N 39° 36'40" E 84° 17'45"
15. Hilltop N. & S. Landfill 1/2 mile W. of W. Carrollton	Active	N 39° 40'30" E 84° 16'13"
16. Makio Lake Sanitary Landfill N. of Farmersville/West Carrollton Rd.	Active	N 39° 40'30" E 84° 16'00"
17. O.K. Car Shredder S.W. of Soldiers Home Rd. & W. Carrollton Rd.	Active	N 39° 40'45" E 84° 16'10"

**United States Environmental Protection Agency
Office of Civil Enforcement, Special Litigation and Projects Division
INVESTIGATIVE ACTIVITY REPORT**

DETAILS

~~Mr. Wertz~~, ~~2225 Hilltop Road~~, ~~W. Hilltop~~, OH, (937) ~~555-1234~~; Interviewed by telephone on November 14, 2005; Date of Report: November 15, 2005

- ▶ ~~Mr. Wertz~~ confirmed that he had been approached several months ago by two Dayton police officers that were either retired or working on the side. They had questioned him about materials he hauled to the SDD many years ago. ~~Mr. Wertz~~ expressed concern that a lot of companies are likely responsible for a wide array of contamination at landfills throughout the Dayton area. He said many of these companies are out of business and will probably never be held accountable for any environmental damage. He surmised that there will probably be many occasions when calls to congressmen will relieve these firms of any cleanup responsibilities. He was hesitant to provide any information for the following reasons: he would not get anything out of it; it probably would not do any good; and because it is unverifiable.
- ▶ ~~Mr. Wertz~~ confirmed information from the NASS interview report that he is presently employed by the ~~XXXXXX~~. He works as a truck driver on occasion but mainly supervises other truck drivers.
- ▶ ~~Mr. Wertz~~ confirmed that he was employed as a truck driver by B.G. Danis from about 1972 to 1976 and with IWD from about 1976 to 1984. While with B.G. Danis, he primarily hauled debris from construction sites such as bricks, blacktop chunks, scrap metal and other waste materials that he characterized as nonhazardous. He hauled these materials to various landfills in the Dayton metropolitan area including the SDD and to an area near there across Dryden Road and over a hill next to a Dayton Power and Light (DP&L) facility. He said the SDD was located on Dryden Road south of the river and Nicholas Road. He could not identify the number of loads he actually brought to the SDD or the DP&L facility over any particular period.
- ▶ ~~Mr. Wertz~~ said that, while with IWD, he was usually informed on a daily basis at the beginning of his shift as to the companies he would be hauling wastes from. This varied

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United States Environmental Protection Agency
Office of Civil Enforcement, Special Litigation and Projects Division
INVESTIGATIVE ACTIVITY REPORT

greatly, i.e., he might have hauled from particular locations everyday or every several days over any given period, but there were times that his scheduled pickups were not routine in terms of the locations and quantities hauled. Therefore, he could not really give any credible estimate as to the number of loads he may have hauled from a particular facility during a given time frame. In addition, he could not say how many of the loads actually went to the SDD or DP&L. He would not identify other individuals that worked for IWD.

- ▶ **Mr. Wertz** stated that many of the Dayton area landfills were operated by **[REDACTED]** for **[REDACTED]**, other **[REDACTED]** family members, and an individual by the name of "**[REDACTED]**." **[REDACTED]** had responsibility for operating the **[REDACTED]**, **[REDACTED]** and **[REDACTED]** landfills. He said that some IWD drivers may have had keys for the SDD and/or the DP&L landfill that allowed them to enter at night.
- ▶ **Mr. Wertz** confirmed that, while working for IWD, he hauled many loads of foundry sand from GH&R Foundry near Route 4 east of Route 75 to the SDD and DP&L. He said foundry sand was good cover material for other trash dumped at landfills because it could fill in the empty spaces well. Peerless Trucking and GH&R themselves also hauled the foundry sand from the GH&R site to the SDD and DP&L sites. **[REDACTED]** also hauled many loads of foundry sand from the Dayton Walther facility on Fluhart Street to these landfills.
- ▶ **Mr. Wertz** said that, while with IWD, many of the companies he hauled from had their own coal-fired power plants. He hauled many loads of fly ash and lamp black from these companies to the SDD and DP&L landfills. One of these facilities was the Delco plant located at about Dryden and Spring Road. It is now a facility where Chevrolet's are made. He also hauled grease and oil sludge from this facility to the SDD and DP&L landfills.
- ▶ **[REDACTED]** said that he hauled wastes from other GM/Delco facilities, such as the Inland plant, in Dayton to the SDD and DP&L sites while working for IWD. This included the downtown plant and one on Kettering. One of these GM facilities may have also been operated by Frigidaire and Harrison Radiator during different periods. The wastes he hauled from these facilities to the SDD and DP&L landfills also included fly ash

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INVESTIGATIVE ACTIVITY REPORT

in addition to oil and grease sludge. In addition, he transported to these landfills 12-15 cubic yard containers of paint that had been used to dip shock absorbers.

- ▶ **Mr. Wertz** said He hauled many loads of lamp black dust from the 63-acre Dayton Tire and Rubber facility to the SDD and the DP&L landfill. He understood lamp black to be a powder-like waste that came from tire manufacturing.
- ▶ **Mr. Wertz**, said that he hauled unknown wastes to the SDD and DP&L landfill from the NCR site which was a huge facility consisting of about 28 buildings. The total quantities he hauled from NCR were significantly less than the amounts from the aforementioned firms.
- ▶ **Mr. Wertz** stated that he hauled an unknown amount of plaster wastes from BiMac to the SDD and the DP&L site.
- ▶ He hauled unknown quantities of lamp black, fly ash and other unknown wastes from Kimberly Clark, aka Bergstrom Paper, located in West Carrollton to the SDD and DP&L areas.
- ▶ **Mr. Wertz** stated that he believes IWD sold out to Waste Management because of liability concerns. This was because many companies did not tell IWD what was in the waste loads that were transported from these facilities.
- ▶ **Mr. Wertz** was aware through hearsay that the brother of **Wertz** was hauling a load of paint-related wastes that caught fire on his truck and killed him. **Wertz** was unsure if this occurred at the SDD.

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Comprehensive Analytical Results - Monitoring Well Samples

SAMPLE NUMBERS	96-DV-03-S22	96-DV-03-S23	96-DV-03-D23	96-DV-03-S24	96-DV-03-S25					
DATE SAMPLE COLLECTED	7/09/96	7/09/96	7/09/96	7/09/96	7/09/96					
TIME SAMPLE COLLECTED	9:50	10:50	10:50	13:55	14:30					
SAMPLE DEPTH (below surface)										
QA/QC DESCRIPTION (if applicable)	Background		Field Duplicate							

ANALYTE DETECTED (µg/L)										
TAL METALS/CYANIDE	CRDL									
aluminum	200 µg/L	5730	10000	361	98.4B	183B				
antimony	60 µg/L	3.0U	3.0U	3.0U	3.0U	3.0U				
arsenic	10 µg/L	547	9.6B	4.0U	4.0U	4.0U				
barium	200 µg/L	2530	330	347	92.5B	84.4B				
beryllium	5 µg/L	1.0U	1.0U	1.0U	1.0U	1.0U				
cadmium	5 µg/L	1.0U	1.0U	1.0U	1.0U	1.0U				
calcium	5000 µg/L	190000	224000	81700	78800	87000				
chromium	10 µg/L	17.3	17.4	1.2B	7.6B	1.0U				
cobalt	50 µg/L	24.6B	12.3B	2.0B	1.0U	1.0U				
copper	25 µg/L	27.8	30.8	4.9B	3.2B	3.1B				
iron	100 µg/L	38000	20600	720	180	332				
lead	3 µg/L	13.4	21.5	8.7	2.8B	1.1B				
magnesium	5000 µg/L	75400	76800	12400	23100	25000				
manganese	15 µg/L	1000	1000	86.7	46.3	107				
mercury	0.2 µg/L	0.20U	0.20U	0.20U	0.20U	0.20U				
nickel	40 µg/L	17.3B	29.7B	14.2B	1.1B	2.2B				
potassium	5000 µg/L	9570	39600	114000	2720B	3390B				
selenium	5 µg/L	8.3	4.0U	4.0U	4.0U	4.0U				
silver	10 µg/L	1.0U	1.0U	1.0U	1.0U	1.0U				
sodium	5000 µg/L	81800	46200	98700	13400	12400				
thallium	10 µg/L	4.6B	4.4B	4.0U	4.0U	4.0U				
vanadium	50 µg/L	14.8B	20.9B	1.0U	1.0U	1.0U				
zinc	20 µg/L	89.7	77.7	10B	7.2B	9.5B				
cyanide	10 µg/L	9.2B	3.0U	3.0U	3.0U	3.0U				

TAL ANALYTE QUALIFIERS	DEFINITION
B	Value is real, but is above instrument detection limit and below contract-required detection limit.
U	Analyte was analyzed for but not detected.

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
Columbus, Ohio

WL2

No 147466

County Montgomery Township (Main) Section of Township (Southeast)
Owner The Dayton Power & Light Address 25 North Main St. Dayton
Location of property 500 Yds South of Main River on S Broadway St.

CONSTRUCTION DETAILS

Casing diameter 6" Length of casing 70'
Type of screen _____ Length of screen _____
Type of pump 5.H.P. Turbine
Capacity of pump 4,000 gal per M.
Depth of pump setting 62'

PUMPING TEST

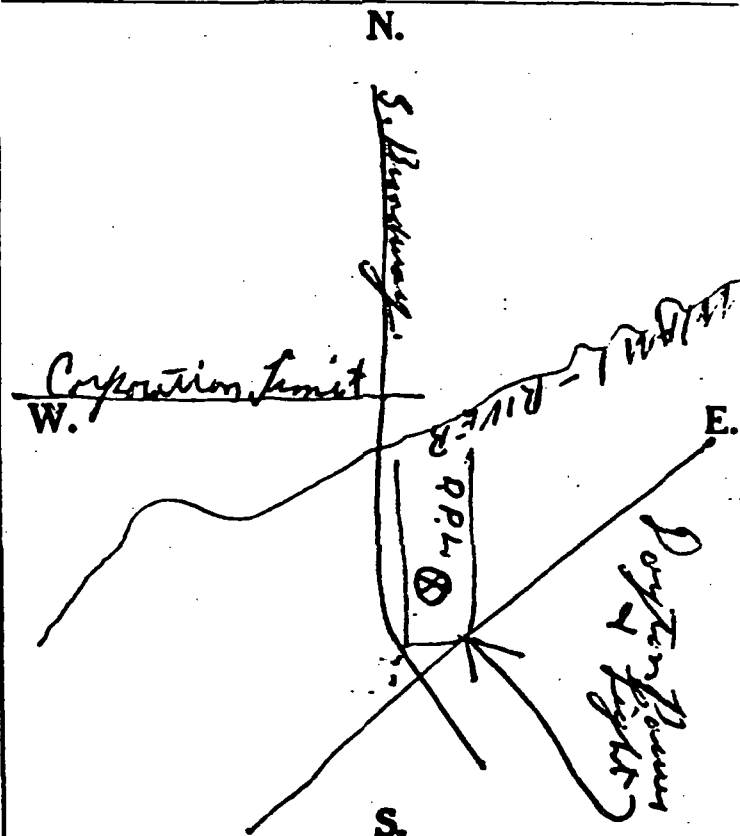
Pumping rate 20 G.P.M. Duration of test 8 hrs.
Drawdown 50 ft. Date May 27-55
Developed capacity _____
Static level—depth to water 35 ft.
Pump installed by A.B. PILLMAN & Co

WELL LOG

Formations Sandstone, shale, limestone, gravel and clay	From	To
<u>fill</u>	0 Feet	27 Ft.
<u>dry gravel</u>	27	41
<u>Hard pan</u>	41	47
<u>clay + gravel</u>	47	56
<u>water sand + gravel</u>	56	70

SKETCH SHOWING LOCATION

Locate in reference to numbered
State Highways, St. Intersections, County roads, etc.



See reverse side for instructions

Drilling Firm W.H. Scott
Address 5859 Bradford Rd. Dayton (O.)

Date May 27-55
Signed W.H. Scott

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
1500 Dublin Road
Columbus, Ohio

WL4

No. 179363

County Montgomery Township ~~North~~ Section of Township ~~1~~
Owner Dayton Power & Light Address 700 S. Miami Blvd., Dayton, Ohio
Location of property Intersection of East River Rd & Springfield Pike
North East corner

CONSTRUCTION DETAILS

BAILING OR PUMPING TEST

Casing diameter 14" Length of casing 108' Pumping rate 1000 G.P.M. Duration of test 8 hrs.
Type of screen Red Brass Length of screen 30' Drawdown 10 ft. Date July 20, 1956
Type of pump — Developed capacity 1000 gpm
Capacity of pump — Static level—depth to water 30' ft.
Depth of pump setting — Pump installed by —
Date of completion —

WELL LOG

SKETCH SHOWING LOCATION

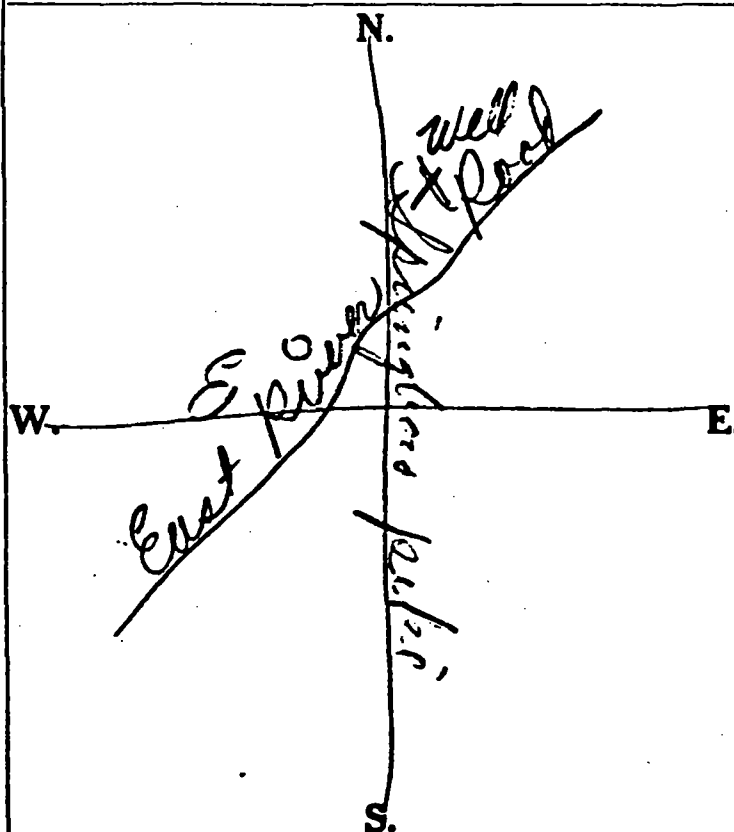
Formations
Sandstone, shale, limestone,
gravel and clay

From

To

0 Feet	19 Ft.
18	33
33	57
57	62
62	78
78	104
104	140
140	143

Locate in reference to numbered
State Highways, St. Intersections, County roads, etc.



See reverse side for instructions

Drilling Firm Donald J. Roe
Address Vandalia, Ohio

Date July 20, 1956
Signed Donald J. Roe



United States Environmental Protection Agency

Region V

77 West Jackson Boulevard
Chicago, Illinois 60604

Superfund Division

Facsimile Cover Sheet
Telephone Number
312-886-4071



To:

Jeff Mullins

Office phone:

937-225-5917

Machine No:

937-496-3072

From:

Karen Ahleski

Office phone:

312-886-1843

Mail code:

SR-65

Date:

12-11-06

Number of pages,
including cover:

9

Message:

*QPL Tait Station
Landfill*

Signature: